



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Michael A. KNEISSL et al.

Application No.: 10/736,602

Filed: December 17, 2003

Docket No.: 115917

For: GRATING-OUTCOUPLED CAVITY RESONATOR HAVING UNI-DIRECTIONAL
EMISSION

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

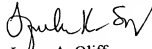
Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- ☒ 2. Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application, and this communication was not received by any individual designated in §1.56(c) more than thirty days prior to the filing of this Information Disclosure Statement.
- ☒ 3. The references were cited in a counterpart foreign application. An English language version of the foreign search report is attached for the Examiner's information.
- ☒ 4. English language Abstracts of the non-English language references are attached hereto.

- ☒ 5. A computer-generated English language translation of the following Japanese Patent Publication has been obtained from the website of the Japanese Patent Office ([<http://www.jpo.go.jp>]), and is attached, but has not been reviewed for accuracy. See References 3 & 4.

Respectfully submitted,



James A. Oliff
Registration No. 27,075

Jaquelin K. Spong
Registration No. 52,241

JAO:JKS/tbh

Date: April 8, 2005

OLIFF & BERRIDGE, PLC
P.O. Box 19928
Alexandria, Virginia 22320
Telephone: (703) 836-6400

DEPOSIT ACCOUNT USE AUTHORIZATION Please grant any extension necessary for entry; Charge any fee due to our Deposit Account No. 24-0037
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Sheet 1 of 1

Form PTO-1449 (REV. 8-83)	US Dept. of Commerce PATENT & TRADEMARK OFFICE	ATTY DOCKET NO. 115917	APPLICATION NO. 10/736,602
		APPLICANT(S) Michael A. KNEISSL et al.	
		FILING DATE December 17, 2003	

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
	1	EP 0 533 390 A1	03-24-1993	Europe		
	2	JP 59-172286 A w/abstract	09-28-1984	Japan		
	3	JP 06-152047 A w/abstract & translation	05-31-1994	Japan		
	4	JP 06-252504 A w/abstract & translation	09-09-1994	Japan		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

		Chern, G. D. et al., "Unidirectional lasing from InGaN multiple-quantum-well spiral-shaped micropillars," Applied Physics Letter, American Institute of Physics, Vol. 83, no. 9, September 1, 2003, pp. 1710-1712.
		Choi, S. J. et al., "Fabrication of Vertically Coupled InP Microdisk Resonators by Using Smooth, CH ₄ -based Reactive Ion Etching Methods," Annual Meeting of the IEEE Lasers & Electro-Optics Society, Vol. 1 of 2, November 14, 2001, pp. 628-629

EXAMINER

DATE CONSIDERED

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Date: April 8, 2005